

## 2017 Teacher-Ranger-Teacher at John Day Fossil Beds

### Objective

Create NPS-based educational materials, traveling kit, activities or program that teachers can use.

### Goals:

- placed based learning skills strengthened and highlighted
- access to resources from or at John Day Fossil Beds for classroom inclusion
- new knowledge and skills related to resources at John Day Fossil Beds
- inform and shape education programs related to John Day Fossil Beds

### Potential Methods (you will help with some, not all):

- develop and post lesson plans using activities and programs created both this year and in previous years.
- develop and post a background explanation with a 'snap shot' of the activities done at the park so the teachers know what to expect during their visit
- develop and post a selection of suggested pre-visit activities
- develop and post a grade level lesson of 30 minutes length that will be presented at John Day Fossil Beds
- develop and post post-visit activities appropriate to the grade level to follow up on learning started during the park visit to John Day Fossil Beds

### On Site Program project ideas

(you are welcome to suggest others)

- Create materials to be loaded on-line for visitor and student use
- Suggest student bibliography, park materials purchases, and methodology for student research projects
- Materials created may be videos, podcasts, games, scavenger hunts etc
- Multiple learning styles to be addressed as well as multiple age levels
- Projects will be connected to park exhibits in the Visitor Center, Paleontology Lab, or on park grounds
- Projects are to be developed beyond conceptual to actual user ready materials

### Apply

**April 30, 2017 is the deadline**

### Questions?

Michelle Ordway (541) 987-2333 or michelle\_ordway@nps.gov (email is preferred)

## John Day Fossil Beds National Monument

### 2017 Teacher-Ranger-Teacher Application

Send or drop off completed **application and support letter** from your school's principal or **administration** by April 30, 2017 to:

Michelle Ordway  
John Day Fossil Beds National Monument  
32651 Highway 19  
Kimberly, OR 97848

Teacher's Name:

Home Address:

Phone:

School: School District:

School Address:

School Phone Number:

E-mail (most frequently used):

Best method and time to contact you:

Grade level(s) taught most recently and in the coming year:

1. How many weeks of work can you commit to from June through August of 2017? (Note: Starting/ending dates and work schedule are flexible within this time frame, 230 hours total includes the on-line class) What is the earliest date you can start?

What is the last date you can work during the summer?

2. You are expected to wear the National Park Service Teacher Corps uniform (polo shirt and hat) to school during National Park Week (April 2018). Will you be able to give presentations about the National Park Service and John Day Fossil Beds to your students, colleagues, and/or other classes?
3. Briefly describe your knowledge of and familiarity with John Day Fossil Beds and/or other national parks.

4. What are your particular interests in geology, paleontology or natural sciences?
5. What computer programs are you familiar with using? Don't forget to mention any experience in video production, podcasting, or social media if relevant.
6. Do you often work with teachers from other schools? How do you feel about working as part of a team to create a product?
7. You will be asked to develop lesson plans meeting Oregon state standards for natural history topics related to John Day Fossil Beds (at least 70% of duties).What is your experience level with curriculum development?

**Application deadline is April 30, 2017.**  
**All applications must be postmarked or e-mailed by that date.**

In applying for this position, I verify all the information I have supplied is correct.

**Teacher's Signature:**

**Date:**

Polo T-Shirt Size:  
Do you prefer a ball cap or 'bucket hat'?

## **Professional Development Opportunity- Teacher-Ranger-Teacher (TRT)**

For current teachers in Oregon, all teachers (must be a teacher and eligible for Graduate Credit work) are encouraged to apply

Starts: June (flexible dates) Ends: September (flexible dates before September 15)

### **Why apply?**

- 3 graduate continuing education credits through University of Colorado, Denver (CU Denver)
- Engage in parks and with park resources
- Develop at least one lesson to be used in your classroom or school
- Assist the park with an education project
- Increase your understanding of place-based learning
- While participating in the program, teachers are considered "student interns" through CU Denver.
- Link with teachers across the nation.
- \$3000 stipend paid at the conclusion of the program (once project has been submitted). All compensation to the TRT will be the responsibility of CU Denver.
- CU Denver will issue the TRT an IRS income tax statement. The TRT will be responsible for paying income taxes on the program compensation from CU Denver.

### **Why the park is doing this:**

- To increase the quality and variety of educational offerings to students interested in John Day Fossil Beds and engage teachers in developing a high quality curriculum based program.
- TRT is the centerpiece of a larger NPS Teacher Corps concept. The NPS Teacher Corps is an umbrella concept that incorporates all of the ways that educators interact with the NPS.
- Teachers will develop the programs they would like to see offered at John Day Fossil Beds.
- Teachers will develop the materials they would like students to use, and materials they can use in the classroom as pre or post visit lessons.

## What is involved

- The TRT will equal approximately 230 hours of effort. Most of this can be completed at the time and place most convenient to the participant (at home, at school, or at the public library)
- The park-based project will use 160 hours of effort or about 70% of the time. Does not require that you work at the park to contribute those hours.
- Up to 15 percent of your time (approximately 5 days) experiencing park operations, working with the public, and learning about the work of the different divisions within a park. This would be at John Day Fossil Beds National Monument, Kimberly, OR.
- Up to 15 percent of the remaining time (approximately 5 days) will be spent in field trips or other training opportunities.

## What is required:

TRT application **and signed statement of support** from your Principal or school administration.

You must participate in the on-line class through the University of Colorado (paid by the park) to achieve the credits and be paid the stipend. You may take this class at home or at your school or a public library.

The class requires a final project. That project will be two parts.

----Part one is a series of 3 lesson plans (pre-visit, post-visit, on-site activities) covering the topic of your choice related to the John Day Fossil Beds National Monument. Unusual topics such as night sky, soundscape studies, and cultural history are welcome and encouraged. Teachers skilled in Special Education are especially welcome.

----Part two is a project to benefit the general public and can include games, video, scavenger hunts, or whatever the TRT envisions.

## What is desired:

Experience working with minority students

Experience with or willing to learn computer programs such as Adobe InDesign, Illustrator and Photoshop, etc.

Creativity in presenting topics to children!